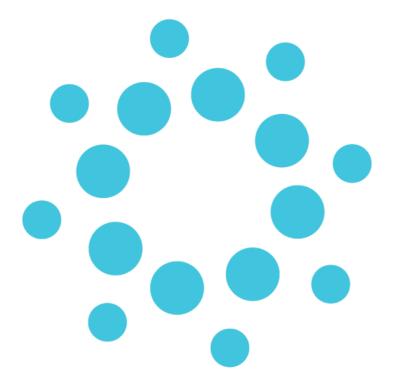
Release Notes Medtech32

New Zealand Formulary (BPACNZRx) Integration



Drug and Staff Setup

(February 2020)



These release notes contain important information for Medtech32 users. Please ensure that they are circulated amongst all relevant staff. We suggest that this document is filed safely for future reference.

medtech®

Contents

Drug Setup	3
Drug Class and Therapeutic Options	3
NZULM CODING	3
IMMP and Sport Categories	4
Staff Setup	6
Enable Repeat Script without Old Drug Warnings	6
DISPLAY WARNING FOR MILD PATIENT MEDICAL WARNINGS	6
Interaction Warning Messages	7
Action based Interactions	7
Severity based Interactions	8
Evidence based Interactions	9

medtech®

Drug Setup

Setup ► Clinical ► Drug

To accommodate the introduction of the New Zealand Formulary drug data within Medtech32, the following changes have been made in the Drug Setup screen:

Drug Class and Therapeutic Options

The **Therapeutic Options** tab has been removed as there is no information in the BPACNZRX NZF drug data to support this function. The **Drug Class** tab has been renamed **Alerting Group** and acts in a similar fashion by grouping medications for patient Medical Warning purposes.

Previous MIMS New/View Drug screen

🕑 Vie	ew Drug				×
APO-	APO-AMOXI 250mg Cap				
Main	Coding Generics	Drug Class	Therapeutic Options	More Information Audit	
Drug Details Generic Name: AMOXYCILLIN					

New BPACNZRx New/View Drug screen

View Drug	×
OSPAMOX amoxicillin 100 mg/mL oral liquid: powder for	
Main Coding Generics Alerting Group More Information Audit	
Drug Details	
Generic Name: AMOXICILLIN 100 MG/ML ORAL LIQUID: POWDER FOR	
Brand Name: OSPAMOX	

NZULM Coding

The NZULM (Universal List of Medications) are responsible for the allocation new product codes as new products are introduced by Pharmac. This code is utilised as part of the NZePS prescribing. They also provision the product prescribing term which is utilised within BPACNZRx.

Within the **Coding** tab provision has been made to display the NZULM product code.

Both the MPUU (Medicinal Product Unit of Use) and TPUU (Trade Product Unit of Use) NZULM codes are displayed for reference.



EMPOWERING HEALTH

🛞 View Drug			×
AMOXIL PAEDIATRIC DROPS amoxicillin 100	mg/mL or	al liquid: p	owder
Main Coding Generics More Information Audit			
Therapeutic Group :			
Amoxicillin	Preferred		
NZULM : 10042801000116106 10042841000116	09		
MPUU TPUU			
L			
Pharmacodes :			
206512			
Unload Ref:			
Search Add	OK	Control	1.1.1.
Search Add	<u>0</u> K	Cancel	<u>H</u> elp

Where the selected product is available in the form of a 'Pack' then both the MPP (Medicinal Product Pack) and TPP (Trade Product Pack) NZULM codes are displayed for reference.

🕑 View Drug	×			
CHAMPIX STARTER PACK varenicline 500 microgram tablet [11] () varenic				
Main Coding Generics More Information Audi				
Therapeutic Group :				
Varenicíne	Preferred			
Transition inclusion	L Topland			
NZULM :				
10124721000116109 101247710 MPP TPP	000116108			
Pharmacodes :				
2380455				
Unload Ref:				
Search Add	<u>OK</u> <u>C</u> ancel <u>H</u> elp			

To learn more about the NZULM, please refer to: <u>http://info.nzulm.org.nz/</u>

IMMP and Sport Categories

Within the **More** tab the IMMP (Intensive Medicine Monitoring Programme) option has been removed as IMMP is not available to either the NZF or MIMS drug formularies.

View Drug		
NPO-AMOXI 250mg Cap	Class Therapeutic Options More Information Audit	
Drug Options Carla Contraceptive Hospital Dispensary Only Hecommended by Specialist Special Authority Controlled Drug Subject to Part Charge Single Page Original Pack	Sport Category: P 💌 Pregnancy Category: A 💌	

Previous MIMS New/View Drug screen



The Sports Category list has also been updated to display the World Anti-Doping Agency (WADA) Sports Categories, which allows more granular drug filtering when prescribing.

🕙 New Drug		×
Descr (CODE)		
Main Coding Generics More	Information Audit	
Drug Options		
🔲 🔲 Oral Contraceptive	Sport Category:	
Hospital Dispensary Only	Pregnancy Category: SI ^	
Recommended by Specialist	S2	
Special Authority	\$3 \$4	
Controlled Drug	S5	
Subject to Part Charge	S6	
	\$7 \$8 ¥	
🔲 🔲 Single Page	58 •	
🔲 Original Pack		

To learn more about the NZF Sport Categories, please refer to: <u>https://nzf.org.nz/nzf_239</u>

medtech®

Staff Setup

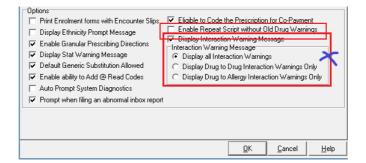
Setup ► Staff ► Members ► Provider Messages tab

To accommodate the introduction of the New Zealand Formulary drug data within Medtech32, the following changes have been made in the Staff Setup screen:

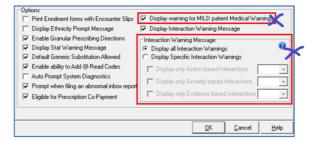
Enable Repeat Script without Old Drug Warnings

Within the Provider Messages tab, the **Enable Repeat Script without Old Drug Warnings** option has been removed. This is to ensure that users are not able to repeat prescriptions for old / unmapped MIMS medications by overriding the prompt to re-map to the equivalent NZF medication.

Previous MIMS New/View Staff screen



New BPACNZRx New/View Staff screen



Display warning for MILD patient Medical Warnings

Within the Provider Messages tab, a new **Display warning for MILD patient Medical Warnings** option has been added. This is to ensure that users are prompted with a Medical Warning alert message even when the medical warning being presented is of Mild Severity.

By default this option is selected for all providers and can be unselected if the provider does not want to receive MILD patient Medical Warning alert prompts.



EMPOWERING HEALTH

Options	Display warning for MILD patient Medical Warnings		
Display Ethnicity Prompt Message	Display Interaction Warning Message		
Enable Granular Prescribing Directions	Interaction Warning Message		
Display Stat Warning Message	Display all Interaction Warnings O		
Default Generic Substitution Allowed	O Display Specific Interaction Warnings		
Enable ability to Add @ Read Codes	Display only Action based Interactions		
Auto Prompt System Diagnostics	Display only Severity based Interactions		
Prompt when filing an abnormal inbox report			
Eligible for Prescription Co-Payment	Display only Evidence based Interactions		
	<u> </u>		

Interaction Warning Messages

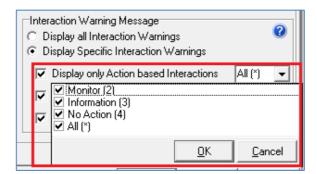
The level of Drug Interactions that are displayed to a prescriber when prescribing using BPACNZRx can be configured at an individual level. By default the 'Display All Interaction Warnings' option will be applied to all prescribers.

Options Print Enrolment forms with Encounter Slips Display Ethnicity Prompt Message	 Display warning for MILD patient Medical Warnings Display Interaction Warning Message 		
 Enable Granular Prescribing Directions Display Stat Warning Message 	Interaction Warning Message Oisplay all Interaction Warnings		
Default Generic Substitution Allowed Enable ability to Add @ Read Codes Auto Prompt System Diagnostics	Display Specific Interaction Warnings Display only Action based Interactions		
 Prompt when filing an abnormal inbox report Eligible for Prescription Co-Payment 	Display only Severity based Interactions Display only Evidence based Interactions		
	OK Cancel Help		

By selecting the 'Display specific Interaction Warnings' option the level of interactions to be displayed can be specified by selecting relevant sub-codes.

Uptions				
Print Enrolment forms with Encounter Slips	Display warning for	or MILD patier	nt Medical Wa	rnings
🔲 Display Ethnicity Prompt Message	🔽 Display Interaction	n Warning Me	essage	
Enable Granular Prescribing Directions	Interaction Warning	Message		-
Display Stat Warning Message	C Display all Interac	tion Warning	s	0
Default Generic Substitution Allowed	Display Specific I	nteraction W	arnings	
✓ Enable ability to Add @ Read Codes	Display only Ac	tion based In	teractions	All 🔪 🔽
Auto Prompt System Diagnostics	🖂 Direlau anlu Ca			
✓ Prompt when filing an abnormal inbox report		-		
Eligible for Prescription Co-Payment	Display only Ev	ridence based	d Interactions	All (*) 🔻
I				
		<u>0</u> K	<u>C</u> ancel	<u>H</u> elp
 Auto Prompt System Diagnostics Prompt when filing an abnormal inbox report 	🔽 Display only Se	verity based	Interactions	

Action based Interactions



- **Avoid**: For interactions where a drug combination is best avoided. This will mainly be used to highlight contraindicated drug pairs.
- Adjust: For interactions where the interaction can be accommodated, but where it is recommended that either one of the drugs is changed, or the dose is altered on initiating the combination.

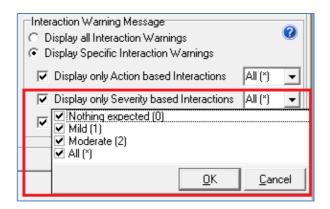


- **Monitor**: For interactions where the drug pair is valuable and no compensatory action is possible, but the patient needs to be monitored to assess the outcome. For interactions where biochemical or therapeutic drug monitoring is recommended and further action may be needed based on the results.
- **Information**: For interactions where close follow up or monitoring are probably not automatically warranted due to the low probability of an interaction, but where more information is given in the event of a problem.
- No action: For interactions where no action is needed, or for drugs pairs where no interaction occurs.



For clinical safety reasons Avoid and Adjust action codes cannot be suppressed.

Severity based Interactions



- **Severe**: For interactions that could totally incapacitate a patient or result in either a permanent detrimental effect or a life-threatening event.
- **Unknown**: To be used only as a last resort. Designed for those interactions (such as the antiretrovirals), which are predicted but where there is insufficient evidence to even hazard a guess at the outcome.
- **Moderate**: For interactions that could result in an effect that may either cause considerable distress or partially incapacitate a patient. These interactions are unlikely to be life-threatening or result in long-term effects.
- **Mild**: For interactions that could result in an effect that is mild and unlikely to unduly concern or incapacitate the majority of patients
- **Nothing expected**: For interactions that are unlikely to result in an effect, or for drugs pairs where no interaction occurs.

Important Note - Severity Based Interactions

For clinical safety reasons Severe and Unknown severity codes cannot be suppressed.

Evidence based Interactions

0	D	action Warning Message isplay all Interaction Warnings isplay Specific Interaction Warnings	(٥
	•	Display only Action based Interactions	All (*)	J
	◄	Display only Severity based Interactions	All (*)	•
	☑	Display only Evidence based Interactions	All (*)	-
		 ✓ Theoretical (0) ✓ Case (1) ✓ Study (2) ✓ Extensive (3) ✓ All (*) 		
		<u>Q</u> K	<u>C</u> ance	

- **Extensive**: For interactions where the information given is based on numerous small or medium size studies or several large studies. The information is usually supported by case reports.
- **Study**: For interactions where the information given is based on formal study. This may be one small or medium size study, or several small studies. The studies may or may not be supported by case reports.
- **Case**: For interactions where the information given is based either on a single case report or a limited number of case reports. No trials appear to have been conducted.
- **Theoretical**: For interactions where the information given is based on a theoretical interaction or lack of interaction. This information may have been derived either from in vitro studies involving the drug in question or based on the way other members of the same group act.

Careful consideration should be given before supressing alerts for prescribers and should be relative to their experience.

Should a prescriber wish to view any interactions which have been supressed the easiest method would be to utilise the Interactions feature available on the NZF website, www.nzf.org.nz.



Are you looking for a quick answer to your support query or changes related to this release?

Sara, our Virtual Support Chat Bot is available within our Insight Customer Portal 24 hours a day, 7 days a week, whenever you need help.

All you need to do is type a question, and Sara will provide the answer. She has been trained on most of the questions we get asked regularly on our Support Desk.

If Sara cannot answer your support query, she will assist you in creating a Support Ticket or can pass you onto a member of our Customer Care team.

If you would like to ask Sara your next support query, log into Insight at insight.medtechglobal.com